

distributed programming environments. Dynamics have been proposed as a language construct for dynamic typing, based on experience with languages such as CLU, Cedar/Mesa, and Modula-3. However proposals for incorporating dynamic typing into languages with parametric polymorphism have serious shortcomi ...

Keywords: dynamic typing, marshallng, parametric polymorphism, static typing

4 A lightweight, message-oriented application server for the WWW



Ralf-Dieter Schimkat, Stefan Müller, Wolfgang Kuchlin

March 2000 **Proceedings of the 2000 ACM symposium on Applied computing - Volume 2**

Publisher: ACM Press

Full text available: [pdf\(1.37 MB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)

Keywords: application integration, application server, message bus, uniform Web interface

5 SI in digital libraries



Nabil R. Adam, Vijayalakshmi Atluri, Igg Adiwijaya

June 2000 **Communications of the ACM**, Volume 43 Issue 6

Publisher: ACM Press

Full text available: [pdf\(145.60 KB\)](#) Additional Information: [full citation](#), [references](#), [citing](#), [index terms](#),
 [html\(44.09 KB\)](#) [review](#)

6 Information system integration



Wilhelm Hasselbring

June 2000 **Communications of the ACM**, Volume 43 Issue 6

Publisher: ACM Press

Full text available: [pdf\(228.41 KB\)](#) Additional Information: [full citation](#), [references](#), [citing](#), [index terms](#),
 [html\(28.11 KB\)](#) [review](#)

7 Integrated object-oriented testing and development processes



John D. McGregor, Timothy D. Korson

September 1994 **Communications of the ACM**, Volume 37 Issue 9

Publisher: ACM Press

Full text available: [pdf\(19.79 MB\)](#) Additional Information: [full citation](#), [references](#), [citing](#), [index terms](#),
[review](#)

8 The making of Orbix and the iPortal suite



Sean Baker

June 2000 **Proceedings of the 22nd international conference on Software engineering**

Publisher: ACM Press

Full text available: [pdf\(220.83 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

IONA released the first full implementation of the CORBA standard in August 1992, and

our first product, Orbix, has become the most successful object request broker, capturing almost 70-percent of this market. It has spawned many follow-on products from IONA and from partner companies. This development followed nearly ten years of research in the area of distributed object systems within Trinity College Dublin, centered on language support for developers of distributed systems. Th ...

Keywords: CORBA, EJB, Internet, J2EE, components, iterative development, team work

9 Xanalogical structure, needed now more than ever: parallel documents, deep links to content, deep versioning, and deep re-use



Theodor Holm Nelson

December 1999 **ACM Computing Surveys (CSUR)**

Publisher: ACM Press

Full text available: pdf(787.72 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)



10 Transparent modules with fully syntactic signatures



Zhong Shao

September 1999 **ACM SIGPLAN Notices , Proceedings of the fourth ACM SIGPLAN international conference on Functional programming ICFP '99**, Volume 34 Issue 9

Publisher: ACM Press

Full text available: pdf(1.61 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)



ML-style modules are valuable in the development and maintenance of large software systems, unfortunately, none of the existing languages support them in a fully satisfactory manner. The Official SML'97 Definition does not allow higher-order functors, so a module that refers to externally defined functors cannot accurately describe its import interface. MacQueen and Tofte [26] extended SML'97 with fully transparent higher-order functors, but their system does not have a type-theoretic semantics ...

Results 1 - 10 of 10

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